## UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO. : 7,484,359 B2 Page 1 of 1

APPLICATION NO. : 10/590662

DATED : February 3, 2009

INVENTOR(S) : Tatsuhisa Yokoi et al.

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

<u>Column</u>	<u>Line</u>	
9	33	Change " $\Delta P/GA$ " to $\Delta P/Ga$
9	37	Change "GA) is increased." to
		Ga) is increased
9	38	Change "Dp×GA" toDp×Ga
9	42	Change " $\Delta P/GA$ " to $\Delta P/Ga$
9	55	Change " $\Delta P/GA$ " to $\Delta P/Ga$
11	58	Before "internal" insertan
12	15	Change "An exhaust" toThe exhaust
12	21	Before "apparatus" insertexhaust purifying

Signed and Sealed this

Fifteenth Day of December, 2009

David J. Kappas

David J. Kappos

Director of the United States Patent and Trademark Office